

Technical Attachment

AMS 22nd Severe Local Storms Conference
and
11th Conference on Aviation, Range, and Aerospace Meteorology
Hyannis, MA October 4-8, 2004

Papers and Posters Authored or Co-authored by Southern Region Participants

An analysis of the June 23rd Brown County, South Dakota tornadic cyclical supercell, by Scott Landolt (NCAR), Daniel Porter (WFO Albuquerque), and John Monteverdi (San Francisco State University).

The Graphical Severe Weather Warning Initiative at NWS Fort Worth, TX, by Bill Bunting and Lance Bucklew (WFO Fort Worth), Paul Kirkwood (SRH/CWWD), and Scott Rae (North Central Texas Council of Governments).

Interactive mesoscale objective analysis in the National Weather Service's Graphical Forecast Editor, by Brad McGavock, James Frederick and Steven Piltz (WFO Tulsa).

April 13, 2004 peninsular Florida high wind event, by Robert Handel, Pablo Santos and Russell Pfof (WFO Miami).

An observational study of the interaction between a supercell and two prominent mesoscale boundaries, by Mark Conder, Steven Cobb and Gary Skwira (WFO Lubbock), and John Schroeder (Texas Tech University).

Low-level boundary intensification and convective regeneration in the Lower Mississippi Valley region severe weather and flash flood event of April 6-7, 2003, by Eric Carpenter and John Gagan (WFO Jackson).

A climatology of synoptic conditions which produced significant tornadoes across the Southern Appalachian region, by Dave Gaffin and Stephen Parker (WFO Morristown).

Severe thunderstorms of 3 April 2004: An examination of a dry-season severe weather event in the Borderland, by Michael Hardiman and Joseph Rogash (WFO El Paso).

Florida severe storm parameters, by Frank Alsheimer, Juile States and Charles Paxton (WFO Tampa Bay).

The bowl horn@radar signature in developing Southern Plains supercells, by Matthew Kramar (WFO Amarillo), H.B. Bluestein (University of Oklahoma), A..L. Pazmany (University of Massachusetts) and J.D. Tuttle (NCAR).

Severe local storm warnings: Challenges from the March 4, 2004 event, by Greg Patrick (WFO Fort Worth).

Maintaining operational readiness in a warning environment: Development and use of the Situation Awareness Display System (SADS), by Liz Quotone (Warning Decision Training Branch), David Andra, Jr., Michael Foster and Steve Nelson (WFO Norman), and Ed Mahoney (WDTB).

Tornado spectral signature observed by WSR-88D, by T.-Y. Yu and A. Shapiro (University of Oklahoma), D. Zirnic (NSSL), M. Foster and D. Andra, Jr. (WFO Norman), R. Doviak (NSSL) and M. Yearly (University of Oklahoma).

Severe local storm warnings: Challenges from the 04 March 2004 event, by Gregory Patrick and Gary Woodall (WFO Fort Worth).

Other participants:

Alan Moller (WFO Fort Worth)

Chairperson Session 3B Hazard Mitigation, Societal Impacts, and Warnings.